Application No. 10/030,939
Reply to Office Action of May 19, 2003

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A gas generator comprising:

a single cylinder housing (4) formed by joining comprising an iron or steel made upper lid [[(2),]] and a lower lid joined together, the upper lid having a bowl shape containing including a top plate [[(2a)]] portion and a side cylinder [[(1a)]] portion extending downward, from the entire circumferential edge thereof and the side cylinder portion being provided with [[many]] a plurality of gas discharge holes, (8), with an iron or steel made lower lid (3) the lower lid having a bowl shape including a side cylinder portion and containing a bottom plate portion [[(3f),]] having a thickened wall portion, a side cylinder (1b) extending upward from the entire circumferential edge thereof, and the lower lid including an ignitor holding portion [[(3a)]] formed integrally with the bottom plate on the thickened wall portion, the upper and lower lids comprising one of iron and steel; (3f) and for fixing by caulking an ignitor (30), the ignitor (30)

an ignitor held by the ignitor holding portion by caulking in a center portion of the single cylinder housing; and

a <u>plurality of</u> gas generating agent (6) being arranged <u>devices provided around the</u> ignitor in the single cylinder housing (4) in the order mentioned from the center thereof.

Claim 2 (currently amended): The gas generator according to claim 1, wherein the side cylinder of the upper lid has a flange (1e) extends extending vertically outward therefrom from the side cylinder (1a) of the upper lid (2).

Claims 3-4 (canceled)

Claim 5 (currently amended): The gas generator according to claim 3, wherein the ignitor holding portion (3a) stands on a wall thickness portion (3e) of the bottom plate (3f) of

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the ball-like lower lid (3) and comprises an inner cylindrical portion [[(3b)]] for holding the ignitor [[(30)]], a protruding portion [[(3d)]] protruding from the inner cylindrical portion [[(3b)]] into a center portion thereof and mounting the ignitor [[(30)]], and a bending portion [[(3c)]] extending from the inner cylindrical portion [[(3b)]], bending towards a center thereof, and fixing the ignitor [[(30)]] by caulking.

Claim 6 (currently amended): The gas generator according to claim 1, wherein a relation of an outside diameter (D) of the side eylinder (1) cylinders of the upper and lower lids have an outside diameter, D, and a length, L, [[(L)]] from the upper lid [[(2)]] to an outer surface of the lower lid [[(3)]] is $L/D \le 1$.

Claim 7 (currently amended): The gas generator according to claim 1, wherein the plurality of gas generating agent (6) is devices comprises an organic-compound gas generating agent of which main-component is including a nitrogen containing organic compound

Claim 8 (new): A gas generator comprising:

a housing comprising an upper lid and a lower lid joined together, the upper lid having a bowl shape and provided with a plurality of gas discharge holes, the lower lid having a bowl shape having a side cylinder portion and a bottom plate having a thickened wall portion, the lower lid including an ignitor holding portion formed integrally with the bottom plate on the thickened wall portion;

an ignitor held by the ignitor holding portion in a center portion of the single cylinder housing; and

a plurality of gas generating devices provided around the ignitor in the single cylinder housing.